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F1G F₁J

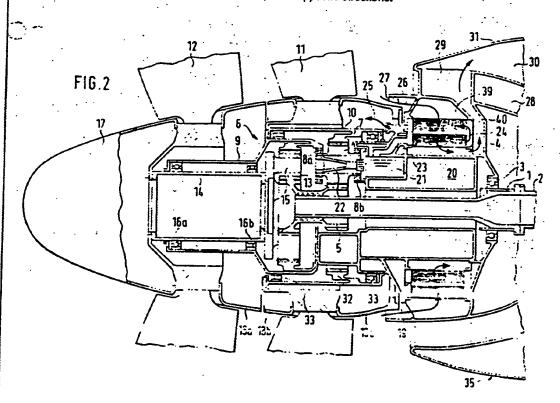
F1V

Selected US specifications from IPC sub-classes

FOID FO2C FO2K

54) Reduction gear lubrication in a propfan turbo propulsion unit

57, The reduction gearing 6 for the propfan rotors 11, 12 has a separate fubricating oil system which is disposed axially petween the gas turbine (35, Fig. 1) and the reduction gearing. This provides improved dissipation of heat occurring in the pear mechanism, together with satisfactory utilisation of the available space. The lubricating system comprises an annular pil tank 20, an oil pump 21 and an annular oil cooler 24 cooled by air flow 26. The reduction gearing includes sun wheel 5 and planet wheels 7 and 13 and drives the rotors 11, 12 in opposite directions.



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